

Application/Control Number: 10/071,816
Art Unit: 2673

Docket No.: PALM-3740.PSI

REMARKS

Reconsideration and allowance in view of the forgoing amendments and the following remarks are respectfully requested.

By this amendment, claims 1-4 and 17-20 remain pending, claims 1 and 17 having been amended.

First Rejection of Claims 1-4 and 17-20

On page 2 of the Office Action of May 31, 2005, the Examiner rejected claims 1-4 and 17-20 under 35 U.S.C. 103(a) as allegedly being unpatentable over U.S. Patent No. 6,073,036 to Heikkinen et al. (“Heikkinen”) in view of U.S. Patent No. 6,832,084 to Deo et al. (“Deo”). Applicants submit that the amended claims obviate the rejection.

Amended claim 1 is directed to a method of implementing a touchscreen user interface for a device. The method includes, among other things, providing a fly over area within the touchscreen, wherein the fly over area provides a magnified view of items within the fly over area with respect to items outside the fly over area, and wherein items outside the fly over area are shrunk with respect to items in the normal mode and the ones of the items, which are shrunk, are shrunk by a same constant factor with respect to the items in the normal mode.

Heikkinen discloses selecting a portion of a display for magnification and magnifying the selected portion. As shown in Fig. 5B of Heikkinen, magnification may be performed as if using a fisheye lens. That is a selected portion is magnified, but a surrounding area is distorted. For example, in Fig. 5B of Heikkinen, “O” is magnified, but surrounding areas, including “H”, “I”, “J”, “P”, “V”, “U”, “T”, and “N” are distorted to different degrees. “I” and “U” appear to be distorted in similar ways, such that they are smaller in height with respect to Fig. 5A. “H” and “J” appear to be smaller in comparison to “H” and “J” of Fig. 5A, but are not smaller by a same constant factor as “I” and “U”. Applicants submit that Heikkinen fails to disclose or suggest that

Application/Control Number: 10/071,816
Art Unit: 2673

Docket No.: PALM-3740.PSI

ones of the items, which are shrunk, are shrunk by a same constant factor with respect to the items in the normal mode, as required by amended claim 1.

Deo also fails to satisfy the deficiencies of Heikkinen. Therefore, Applicants respectfully request that the rejection of claim 1 and dependent claims 2-4 be withdrawn.

Claim 17 is similar to claim 1 and therefore, claim 17 and dependent claims 18-20 are patentable over Heikkinen in view of Deo for at least reasons similar to those provided with respect to claim 1. Applicants, therefore, respectfully request that the rejection of claim 1 and dependent claims 18-20 be withdrawn.

Second Rejection of Claims 1-4 and 17-20

On page 4 of the Office Action, the Examiner rejected claims 1-4 and 17-20 under 35 U.S.C. 103(a) as allegedly being unpatentable over U.S. Patent No. 6,704,034 to Rodriguez et al. ("Rodriguez"), in view of U.S. Patent No. 6,321,158 to DeLorme et al. ("DeLorme"), and further in view of Deo. Applicants respectfully traverse the rejection.

As mentioned above, claim 1 is directed to a method of implementing a touchscreen user interface for a device. The method includes, among other things, providing a fly over area within the touchscreen, wherein the fly over area provides a magnified view of items within the fly over area with respect to items outside the fly over area, and wherein items outside the fly over area are shrunk with respect to items in the normal mode and the ones of the items, which are shrunk, are shrunk by a same constant factor with respect to the items in the normal mode.

As admitted by the Examiner, on pages 4 and 5 of the Office Action, Rodriguez does not disclose that items outside the fly over area are shrunk with respect to items in the normal mode. Instead, Rodriguez discloses or suggests that the items outside of the fly over area may be magnified by differing amounts. The Examiner relied on DeLorme, at col. 16, lines 55-67, and col. 21, lines 28-40, to disclose or suggest that a selected portion of an image of a map can be zoomed in (magnified) or zoomed out (shrunk).

Application/Control Number: 10/071,816
Art Unit: 2673

Docket No.: PALM-3740.PSI

Applicants submit that a combination of Rodriguez and DeLorme would not provide the invention as claimed. Applicants submit that a combination of Rodriguez and DeLorme would provide a device that permits one to have a magnified fly over area to magnify those items within the fly over area and that further permits one to zoom-in or zoom-out a portion of a display, such as an image of a map, without having a fly over area. However, Applicants submit that neither Rodriguez nor DeLorme disclose or suggest, either separately or in combination, providing a fly over area within the touchscreen, wherein the fly over area provides a magnified view of items within the fly over area with respect to items outside the fly over area, and wherein items outside the fly over area are shrunk with respect to items in the normal mode and the ones of the items, which are shrunk, are shrunk by a same constant factor with respect to the items in the normal mode, as required by amended claim 1.

Deo fails to satisfy the deficiencies of Rodriguez and DeLorme. Therefore, Applicants submit that claim 1 and dependent claims 2-4 are patentable over Rodriguez, DeLorme and Deo and respectfully requests that the rejection of claims 1-4 be withdrawn.

Amended claim 17 has features similar to those of amended claim 1 and therefore, claim 17 and dependent claims 18-20 are patentable over Rodriguez, DeLorme and Deo for at least similar reasons with respect to claims 1-4. Therefore, Applicants respectfully request that the rejection of claims 17-20 be withdrawn.

Application/Control Number: 10/071,816
Art Unit: 2673

Docket No.: PALM-3740.PSI

CONCLUSION

Having addressed all rejections, Applicants respectfully submit that the subject application is in condition for allowance and a Notice to that effect is earnestly solicited.

Respectfully submitted,

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